

PIC/D-103-60
30 August 1960

MEMORANDUM FOR: Chief, S/ED/ORR

SUBJECT: COCOM Intelligence Statement Item 1585,
August 1959

1. It is our recommendation that the definition of the high speed recording camera be changed as follows:

Line 1 of paragraph (a) 1, from "... film widths 35 mm or narrower ..." to "... film widths 70 mm or narrower ..."

Line 2 of paragraph (a) 1, from "... 3000 frames per second ..." to "... 64 frames per second ..."

Line 1 of paragraph (a) 2, from "... 35 mm ..." to "... 70 mm ..."

Line 2 of paragraph (a) 2, from "... 64 frames per second ..." to "... 2 frames per second ..."

2. The above suggested changes would prevent equipment whose mechanism would have the capability for much higher frame rates, from being sent out of any country with either (a) a lower gear ratio and their speeds thus increased by a simple gear change or by (b) equipment of extremely high frame rate being sent out with a lower rated potentiometer control and their speeds changed by simply replacing one potentiometer with a higher rated potentiometer.

3. It is our understanding that such export restrictions by the United States are now in effect.

4. With the approval of Col. Lowell May of AFICIN, a channel to discuss this and similar technical matters in the future directly with ATIC has been established. Informal explorations by [redacted] of our staff for opinions from other military components was not successful, due in large part to the technical nature of the subject.

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5. ATIC has examined our recommended changes and we have received informal concurrence on their desirability.

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6. Further investigation is being made as rapidly as possible into the definition of photographic micro-flash equipment (Paragraph (c) of COCOM Definition).

ARTHUR C. LUNDAHL
Director
Photographic Intelligence Center

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